

**ABSTRACT OF THE DISCLOSURE**

The present disclosure relates to a method of dyeing human keratin materials with a lightening effect with a composition comprising, in a cosmetically acceptable medium, at least one fluorescent dye that is soluble in the cosmetically acceptable medium and at least one surfactant chosen from amphoteric surfactants and nonionic surfactants.

The present disclosure also relates to compositions comprising at least one particular fluorescent dye that is soluble in the cosmetically acceptable medium and at least one surfactant chosen from amphoteric surfactants and nonionic surfactants, and also to processes using these compositions, and devices for these compositions.